

We claim:

1. A catalyst or carrier which consists essentially of
5 monoclinic zirconium dioxide prepared by precipitation of a
zirconium salt with ammonia, wherein a zirconyl nitrate or
zirconyl chloride solution ~~is~~ added to an aqueous ammonia
solution at a decreasing pH from 14 to 6 and drying,
calcination and pelletization are carried out.
- 10 2. A catalyst or carrier as claimed in claim 1, wherein ⁷ ~~1~~ ^{said} ~~1~~
zirconyl nitrate or zirconyl chloride solution is added to an
aqueous ammonia solution at a decreasing pH from 14 to 7.
- 15 3. A catalyst or carrier as claimed in claim 1, wherein ⁷ ~~1~~ ^{said} ~~1~~
zirconyl nitrate or zirconyl chloride solution is added to an
aqueous ammonia solution at a decreasing pH from 14 to 7.5.
- 20 4. A catalyst or carrier as claimed in claim 1, wherein the
precipitated product is filtered off, ammonium salts are
removed, and drying is effected at a water vapor partial
pressure of from 0.2 to 0.9 bar and calcination ^{is} ~~was~~ carried
out at from 300 to 600°C.
- 25 5. A catalyst or carrier as claimed in claim 1, wherein ⁷ ~~1~~ ^{molding} ~~1~~
pelletizing assistants are added and compression ^{is} ~~is~~ effected
on an eccentric or rotary tablet press.
- 30 6. A catalyst or carrier as claimed in claim 1, wherein the ^{molding} ~~1~~
precipitated product or ~~moldings~~ thereof is ~~or are~~ doped by
impregnation, coating or spraying with metals or metal salt
solutions.

35

40

831/94 Gro/do

45